

ADVANCE DISPOSAL FEES (ADFs)

*Are there Practical Options for
"Hard to Manage" Products at
the Local Level?*

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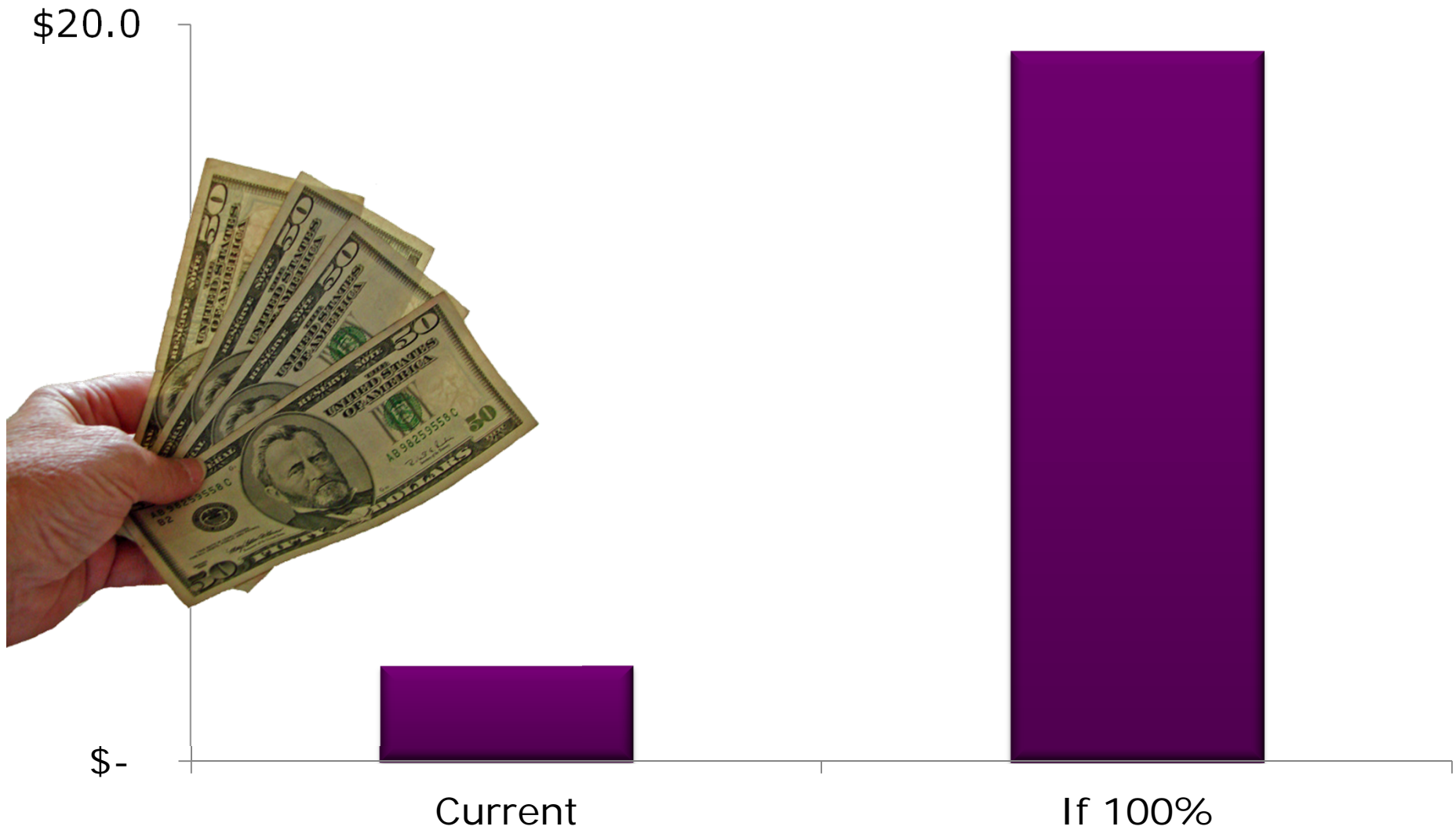
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WHAT IS THE PROBLEM

- Some products are troublesome:
 - Difficult or costly to dispose
 - Common, quickly used & disposed
 - Hazardous
 - High environmental or health effects
- Solid waste management not free – Current MSW system covers much, but does not:
 - cover indirect costs
 - provide sustainable source funding
 - provide incentives / signals for consumer and producer

ANNUAL HHW FACILITY COSTS (In Millions of \$)



VARIOUS TYPES (With some gray area)

- General /broad environmental fees and taxes
- Product bans
- Retailer TakeBack
- Product Stewardship
- Product-based ADFs

MANY OPTIONS – WHAT ABOUT ADFs?

Advance Disposal Fee (ADF) is a user fee paid at the point of sale to help cover the end of life costs of a product.



MANY OPTIONS – WHAT ABOUT ADFs?

- ADF goals:
 - Change behavior (individual & production)
 - Polluter pays principal
 - Incentives
 - Funding
 - →removes materials from disposal stream
- ADFs commonly considered on problematic materials:
 - Hazardous, litter, hard to recycle
- Can be implemented at a local level!



MATERIALS IMPACTED / CONSIDERED / ANALYZED FOR ADFS+

Latex Paint

- Oil based Paint
- Universal waste / electronic devices

E-scrap

- Aerosols
- Fluorescent tubes & bulbs
- Mercury Thermostats & switches
- Propane / Butane cylinders

Batteries -

- alk & carbon
- Batteries - Nicad / NiMetal Hydride
- Batteries - Lithium

Automotive fluids

Tires

- Sharps
- Pharmaceuticals
- Pesticides
- Liquid fertilizers
- Toxics / poisons
- CDL / Treated Wood
- Untreated wood

Cigarettes

Single Use Bags

- Other Litter
- Packaging - Fast Food Takeout
- Packaging - Product
- Bottle Bill / Expanded bottle bill products / liquor
- Others suggested over the years: diapers, appliances, furniture, newsprint...

SUMMARY AND CONCLUSIONS

- ❑ Costs of proper management rising. Revenue options limited
- ❑ What is workable at local level?
- ❑ ADFs are successful in affecting demand elsewhere, including many materials – pros/cons.

THANK YOU!

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